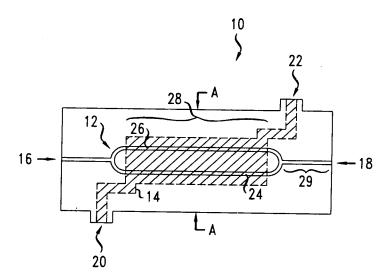


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FIG. 2

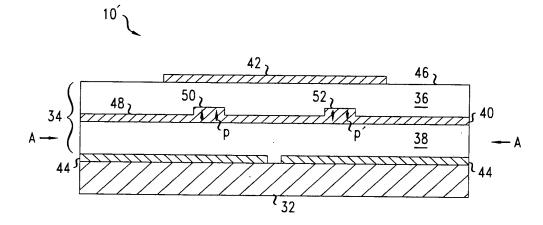
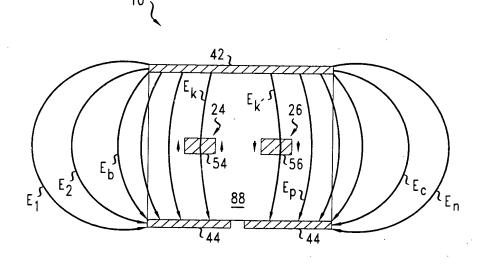


FIG. 3



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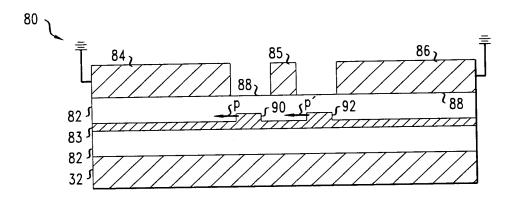
FIG. 4

70 y

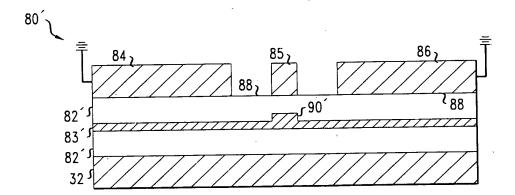
TRANSMITTING AN OPTICAL CARRIER WAVE TO AN OPTICAL WAVEGUIDE OF A MODULATOR 74 ی TRANSMITTING A CONTROL WAVE TO A CONTROL WAVEGUIDE TO ELECTRO-OPTICALLY MODULATE THE VELOCITY OF THE OPTICAL CARRIER WAVE IN THE OPTICAL WAVEGUIDE, THE EFFECTIVE REFRACTIVE INDEX SEEN BY THE CONTROL WAVE INSIDE THE MODULATOR'S DIELECTRIC BEING LARGER THAN THE EFFECTIVE REFRACTIVE INDEX SEEN BY THE OPTICAL CARRIER WAVE ւ 76 INTERFERING THE MODULATED OPTICAL CARRIER WAVE WITH ANOTHER MUTUALLY COHERENT CARRIER WAVE <sub>ഹ</sub> 78 TRANSMITTING THE INTERFERED WAVES TO AN OPTICAL WAVEGUIDE

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FIG. 5 A



*FIG*. 5 B



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FIG. 6

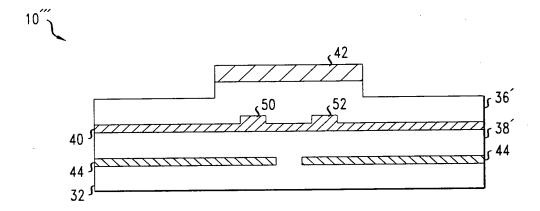


FIG. 7

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